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# Session V Modeling and Simulation in Support of Test, Evaluation and Acquisition: Bringing Order and Consistency Across Borders

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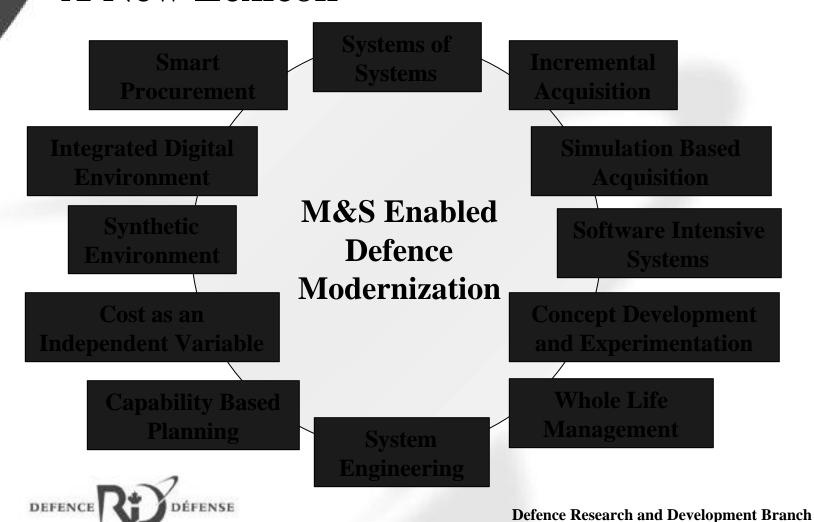




- Speeding up the acquisition process
- Acquiring whole military capabilities, including "systems of systems"
- Balancing whole life costs with the value of military capability
- Delivering value-added capability tailored to the "coalition" reality
- Managing the evolution of systems through their operational life to respond to changes in threat and missions and the march of technology



## Delivering Defence Capability: A New Lexicon



#### Weak Links:

#### Issues for International Collaboration - 1 \*

- Integrating advanced M&S into the acquisition process (SBA)
- Through-life information management, within and across projects, services and national boundaries
- Trusted human performance models
- Integrated design techniques
- Cost modeling techniques (CAIV)







**Defence Research and Development Branch** 

### Weak Links: Issues for International Collaboration - 2 \*

- Integrating the management of technology and technology demonstration for "just-intime" insertion
- Reliability modeling and prediction
- Obsolescence management
- Techniques for T&E, including safety and assurance for complex systems





